

New Page

New Set of Claims

sub.B1 A method for registering movement patterns of

individuals, in particular lying positions of relatively

young children, in which a sensor part is attached to or onto
an individual, which sensor part comprises at least one

5 movement sensor and transmitting means for preferably
wireless transfer of a signal between said at least one
movement sensor and a receiver, while on the basis of the at
least one signal a movement history of the individual in
question is recorded and an information signal can be
10 generated.

2. A method according to claim 1, wherein in the movement
history at least one time-related representation of the
position of at least one part of the body of the individual
in question is recorded, while a threshold time is set during
15 which at least one specific position of the at least one part
of the body is allowed, such that when this threshold time is
exceeded, and depending on the movement history, an alarm
signal is generated.

3. A method according to claim 2, wherein the at least one
20 specific position, preferably a number of specific positions,
is or are set prior to use of the sensor part.

4 ~~sub.A2~~ A method according to any one of the preceding
claims, wherein prior to use of the sensor part, at least one
allowable and/or at least one unallowable movement pattern is
25 set, while the movement history is compared with the at least
one movement pattern, on the basis of which comparison an
alarm signal is generated or not.

AMENDED SHEET

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new page 18

Sub B1 5. An apparatus for registering a movement pattern of at least one part of the body of an individual, on the basis of a number of parameters, and generating a signal on the basis of at least one pre-set threshold value of at least one

5 parameter or a set movement pattern for use in registering lying positions of individuals, in particular relatively young children, which apparatus comprises at least one sensor part, a receiver, in particular a base station, transmitting means and receiving means for wireless communication between
10 the sensor part and the receiver, wherein the sensor part comprises means for attachment to or onto the individual in question, at any rate the at least one part of the body, and at least one movement sensor, capable of registering movements of said at least one part of the body of the
15 individual.

6. An apparatus according to claim 5, wherein the at least one receiver is a first baby alarm or like device of a baby alarm set, the at least one signal being at least acoustic.

7. An apparatus according to claim 6, wherein an algorithm
20 is provided for comparing the registered movement pattern with a pre-set allowable and/or unallowable movement pattern and activating at least the alarm signal on the basis of this comparison.

Sub A3 8. An apparatus according to any one of claims 5-7, wherein
25 memory means are provided for storing at least a part of the registered movement history of the individual in question, at any rate the at least one part of the body.

Sub A4 9. An apparatus according to any one of claims 5-8, wherein
30 means are provided for continuously or semicontinuously generating a signal via the base station, in which signal at least the instantaneous movement situation, the instantaneous

new page 19

posture and/or a part of the movement history are, at least is, encoded.

10. An apparatus according to any one of claims 5-9, wherein setting means are provided for setting at least the at least

5 one threshold value, allowable and/or unallowable movement

patterns, kinds of signals, and the like.

11. An apparatus according to any one of claims 5-10, wherein the sensor part comprises clamping means and a relatively smooth and flat, preferably rounded housing.

10 12. An apparatus according to any one of claims 5-11, wherein the sensor part comprises means for picking up audio signals, such as originating from breathing, heartbeat and the like.

15 13. An apparatus according to any one of claims 5-12, wherein means are provided for picking up via a telephone connection signals originating from the at least one movement sensor and/or any further registration means for, for instance, audio signals, while preferably the sensor part comprises means for responding to a specific telephone
20 signal, in particular a GSM connection.

sub. B1 14. Use of a movement sensor and transmitting and receiving means in a method for registering lying positions of individuals, in particular relatively young children, wherein, on the basis of measuring signals of the at least
25 one movement sensor, information signals are generated via the transmitting and receiving means.